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# NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 25 1981

O. C. D.  
MESA, OFFICE

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## SUNDY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name BIG EDDY UNIT
2. Name of Operator PERRY R. BASS	8. Farm or Lease Name BIG EDDY UNIT
3. Address of Operator P.O. BOX 2760 MIDLAND, TEXAS 79702	9. Well No. 65
4. Location of Well UNIT LETTER C, 660 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE WEST LINE, SECTION 31, TOWNSHIP 21S, RANGE 28E, NMPM.	10. Field and Pool, or Wildcat EAST CARLSBAD STRAW

15. Elevation (Show whether DF, RT, GR, etc.) 3132.4' G.L.	12. County EDDY
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16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> PLUG BACK
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

SEE ATTACHED SHEETS.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Janeen Judah TITLE PETROLEUM ENGINEER DATE MAY 22, 1981

APPROVED BY W. A. Gussitt TITLE DIRECTOR, DISTRICT II DATE MAY 26 1981

CONDITIONS OF APPROVAL, IF ANY:

BIG EDDY UNIT #65 (ATOKA & MORROW)

5/13/81

Load tubing with FW. ND tree. NU BOPE. Unstung from "WB" packer @ 10,850'. Stung back into "WB" packer. Pressured casing to 2000 psi. Squeezed Atoka & Morrow perfs 10,992-11,372' with 100 sx. Class "H" with 1% CF-9 (15.6 ppg & 1.18 ft<sup>3</sup>/SX). Squeezed to 2000 psi. Held pressure. Unstung from "WB" pkr & POH to 10,800'. Reversed circ hole. Rec 2 bbl cement. SI well pressure 500 psi. WOC for 4 hrs. Released pressure. Tag cement @ 10,835'. POH to 10,650+. Tested squeeze to 2000 psi. Held OK. Circ hole with 10.4 ppg BW + 2% KCl with 1% Sodium Bichromate. POH with 85 stands tubing. SOON.

CUMULATIVE COST \$9,500

BIG EDDY UNIT #65 (ATOKA & MORROW)

5/14/81

Opened well up 0 psi TP. POH with remaining 2 3/8" ABC Mod tbg (total 351 jts.) RJ CRC Wireline with 5000# lubricator. Tie into McDullough GR-CCL cement bond log dated 5/3/79. Perf Strawn with Go 4" select fire gun with 0° phase, SSB-II charges. Perfs @ 10,668', 66, 64, 62, 60, 58, 56, 54, 52, 50, 48, 46, 44, 42, 40, 38, 36, 34, 32, 30, 620', 617', 584', 560', 544 (25 shots). RD CRC. R/H testing tubing to 9000 psi above slips with CRC DTCS tool. 1 jt 2 3/8" N-80 ABC Mod, Otis 1.875" "X" nipple, 1 jt 2 3/8" N-80 ABC Mod, Otis MH-2 prk, 5 1/2" x 1.94", 8600' 2 3/8" N-80 ABC Mod tubing. Well started flowing on casing side. Set packer @ 8600' & shut well in 500 psi CP. At midnight 5/13/81 CP 1750 psi. Prep to kill well with 10.4# brine & finish GIH with tubing.

CUMULATIVE COST \$18,317

BIG EDDY UNIT #65 (ATOKA & MORROW)

5/15/81

Opened well up 2400 psi CP. Released packer, bled gas off. Continue testing in hole. Set packer @ 10,470' with 15,000# compression. Well kicked off & flowed while setting packer. Test packer to 2500# CP-held OK. ND BOP & NU tree. Bled gas off of csg. Load casing with 10.4# Brine & pressured up to 750#. Drop bar & sheared tbg disc. Had slight blow on tbg. Tubing would unload some water (approx 5 bbls). Closed well in, pressure increased 500# in 30 min. Open well & bled off. Closed well in overnight. Prep to acidize AM 5/15/81.

CUMULATIVE COST \$29,011

BIG EDDY UNIT #65 (STRAWN)

5/16/81 SITP 3800 psig. CP 1000 psi. Blew down to pit. RU Dowell with HALCO N<sub>2</sub> unit. Acidized Strawn perfs 10,668-10,544'. Install tree saver. RD HALCO when unit froze up. RU NOWSCO. Press annulus to 2500 psig. Press to 7200 psig w/acid. Would not break. Press annulus to 3000 psig. Press tbq to 7640'. Broke to 5400 psig. Treated with 2500 gal, 20% MSR 100 & 750 SCF N<sub>2</sub>/bbl. Treated at avg 5400 psig 7.2 BPM. Had good ball action to 6800 psig. ISIP 6800 psig 15 min 2290 psig. Opened to pit with backside @ 1000 psig. Blew to 0 psig flowing water. Cleaned up making gas & condensate on 1" ck @ 1500 psig. Cleaned up for 30 min. Turned to sales. SI for 45 min. 4000 psig. SITP Opened with 1 3/4" plate & 9/64ths choke. 8 BCPH, 3.2 MMCFPD. FTP 3800 psig. Surface facilities will not handle well. Will attempt to 4-point test & SI for Build-up

CUMULATIVE COST \$42,777

5/17/81 (STRAWN) SITP 4060# RU Kuykendall Wireline. Set dual 8000# BHP bombs with 72 hr clocks @ 10,502'. Davis Services ran 4-point as follows:

PERIOD	CHOKE	TP	DIFF	STATIC	MMCFPD
1 hr	7/64"	3980	6.1	450	1.040
1	9/64	3850	13.5	450	1.550
1	11/64	3800	20.5	460	1.950
1	13/64	3770	31.2	460	2.375

During 4 hr test rec 1.2 BW + 22.9 BC Condensate 55° gr @ 48°F

5/18/81 SI for 68 hr BHP BU.

CUMULATIVE COST \$43,000

BIG EDDY UNIT #65 (STRAWN)

5/18/81 SI for 68 hr BHP BU.  
(Correction on days)

CUMULATIVE COST \$43,000

BIG EDDY UNIT #65 (STRAWN)

5/20/81 SI. Pulled Bombs. WO CAOF calculations.

CUMULATIVE COST \$43,000

BIG EDDY UNIT #65 (STRAWN)

5/21/81 Four point potential test of Strawn perfs (10,544' to 10,668')

PERIOD	CHOKE/"	FTP/PSI	RATE/MCFPD
1 HR	7/64	3980	1040
1	9/64	3850	1550
1	11/64	3800	1950
1	13/64	3770	2375

During test recovered 1.2 BW + 22.9 BC 55° @ 48°F.  
CAOF 15,501 MCFPD. Well put on line @ 2000 MCFPD 11 AM  
5/20/81. This is a gas well FINAL REPORT.

CUMULATIVE COST \$43,000